Garfield Greg Vallespin Lim III

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WORK EXPERIENCE

WRS Health *Cebu City, Cebu*
AI Engineer April 2025 – Present

AI/ML:
- Developed LLM agents for RAG, clinical practice guidelines, scheduling appointments, HPI, and insurance verification.
- Developed AI/ML solutions for parsing health documents into online forms with database mapping.
- End-to-end development from AI model creation and deployment to A/B evaluation.

Frontend
- Developed React Native screens for a medical CRM (customer relationship management) platform.

Backend
- Created PHP and Django controllers for domain retrieval and frontend communication for AI agents.
- Managed ECS clusters and created pipelines for S3 data lake and business intelligence with AWS Quicksight

Cody Web Development Inc. (LIG Japan) *Cebu City, Cebu*
Technical Director - AI Project Manager June 2025 – Present
- Handled a team of eight developers for two projects (AI ERP/CRM Suite and AI Medical Agents for Cerner)
- Delivered projects in record time (1 month from specification to deployment)

Full Stack Engineer - Lead AI Specialist June 2024 – June 2025

AI/ML:
- Developed and optimized regression models for predicting electric vehicle battery performance.
- Conducted thorough data analysis, including cleaning and preprocessing of noisy datasets received from clients.
- Developed chatbot, agents, and AI/ML solutions for an ERP (enterprise resource planning) platform.
- Enhanced project efficiency by 80% by automating key processes such as data gathering, cleaning, analysis, and model training in AI/ML workflows.

Frontend
- Developed Flutter screens and widgets following clean architecture principles, utilizing Bloc, Cubit, GetIt, and Riverpod.

Backend.
- Created Flask endpoints for various AI/ML models to be deployed with AWS Lambda.

Southern Taiwan University of Science and Technology January 2024 – June 2024
Software Engineer *Tainan, Taiwan*
- Developed an accessibility-first mobile app to control the IoT system for stroke survivors via Bluetooth Low Energy.
- Lead the team to victory in the GSIC i-CREATe national competition in Kaohsiung to be sent to Shanghai, China.

EDUCATION

University of San Jose- Recoletos **August 2020 - May 2024**
Bachelor of Science in Computer Science (Double Major in Mobile Development and Artificial Intelligence) *Cebu, Philippines*
- Magna Cum Laude
- Debate Varsity

CERTIFICATIONS

Information Technology Professionals Examination (ITPEC) Council FE Passer (PhilNITS) **October 2023**
Level 3 Passer in the Test of Practical Competency in ICT (TOPCIT) **November 2023**

SKILLS

Languages: Python, Java, C#, PHP; **Frameworks & Libraries:** Swift, Laravel, .NET, Flutter, Flask, TensorFlow, Scikit-learn, Node.JS, DevEx, NestJS, NextJS; **Tools & Technologies**: Apple MLX, Adobe CC, AWS, Firebase, MongoDB, OpenAI, SQL, vector databases, LangFuse, LangChain, DsPy; **Specialized Skills**: RAG (Retrieval-Augmented Generation), Business Intelligence/DA, PowerBI, QuickSight; **Communication**: English proficiency (public speaking and writing)

ACHIEVEMENTS

gSIC i-CREATe - Taiwan Challenge by TREATS and Kaohsiung Medical University **May 2024**
Gold Prize - Design Category *Kaohsiung, Taiwan*
- Led the software development of CuTouch, an IoT rehabilitation system for stroke survivors.

OTHER PROJECTS

JosenianQuiri - Thesis
- University domain chatbot with a long-term memory vector knowledgebase.
- Designed and implemented the retrieval-augmented generation (RAG) architecture with a Flask RESTful API, HuggingFace, TensorFlow, OpenAI API, and Milvus vector database.